_	1 2	3	4		5		6	7		8
					RECOMMENDAT	ION FOR S	SOLDER PROCES	SING		
	har-flex angled male connector		c Sus RoHS ✓ (Pb)		RECOMMENDATION FOR SOLDER PROCESSING					
					Solder paste recommendation  The box flav connectors are coldered to extend the stablished lead free SAC / SaNi colder but also leaded colder a re-SaNi					
	ENERAL INFORMATION			The har-flex connectors are solderable with established lead-free SAC / SnNi solder but also leaded solder e.g. SnPi						
- -				PCB pad plating						
	No. of contacts	-55°C +125°C SMT			The har-flex conn	ectors are	solderable on lead	-free pad surfaces like HAL, NiA	u, Immersion Sn.	
	Contact spacing				Stencil recommendation  The solder deposition has to be placed on the pad area of the contact solder tines.  Ideally, the solder deposition has the same length-to-width ratio and center point like the PCB pads.					
	Test Voltage									
	Contact resistance									
	Insulation resistance							nding on the thickness of the ste		uo.
	Working current acc. to IEC 60512, at 70°C, 80% derating							apertures to result in the required		
,    -	Working temperature range							the signal pins is 0,077mm³, for owing stencil data:	the hold down it i	s 0,39mm³.
	Termination technology				For example, this	can be acm	neved with the folio	owing stencil data .		
	ow processing temperature min. 150s >217°C					Γ		Cianal nina		
ı	(acc. to ECA/IPC/JEDEC J-STD-075 Level PSL R0)	min. 30s > 240°C			04		Signal pins			-1.1
	Clearance & creepage distance	0.4mm min.		-	Stencil th		PCB pad size	proposal stencil aperture size		older paste volume
	Insertion force (depending on mating connector)	approximately 0,5N/contact			150	μm	0,8 x 0,8 mm	0,72 x 0,72 mm		078 mm³
ĺ	Withdrawal force (depending on mating connector)	approximately 0,5N/contact PL1 : 500 mating cycles			1	ſ		Hold-downs		
	Mating cycles	PL2 : 250 mating cycles			Stencil th	nickness	PCB pad size	proposal stencil aperture size	calculated s	older paste volume
	RoHS - compliant	Yes			1	μm	2,7 x 1,2 mm	2,43 x 1,08 mm		,394 mm <sup>3</sup>
-   .	Leadfree	Yes			150	μιιι	Z, / X 1, Z 111111	2,43 X 1,00 IIIII		,394 111111
	Working voltage acc. to to IEC 60664-1		nstallation category)		If a stencil with lower thickness shall be used, please insure the minimum required solder paste volume by enlarging the					
		100V / 150V (depending on installation category) ECBT2.E102079			$\dashv$ stencil aperture. Depending on the PCB design, the solder depostion may protrude the PCB pads. But to achieve a go					
	LIL THE ACC LIL 1977	ECR12 E102079								
	UL file acc. UL 1977  UL file acc. CSA-C22 2 (for Canada)				sealing during sold	er paste pr	inting and to reduc	ce the cleaning interval of the ste		
	UL file acc. CSA-C22.2 (for Canada)	ECBT8.E102079			sealing during sold than the PCB pad	er paste pr about 10%	inting and to reduc	ce the cleaning interval of the ste		
	UL file acc. CSA-C22.2 (for Canada) PSL level acc. ECA/IPC/JEDEC J-STD-075	ECBT8.E102079 PSL R0			sealing during sold than the PCB pad a Coplanarity of con	er paste pr about 10% tacts	inting and to reduc or 25µm encircliin	ce the cleaning interval of the ste g	encil, the aperture	should be smaller
	UL file acc. CSA-C22.2 (for Canada) PSL level acc. ECA/IPC/JEDEC J-STD-075 MSL level acc. ECA/IPC/JEDEC J-STD-020D	ECBT8.E102079			sealing during sold than the PCB pad a Coplanarity of con	er paste pr about 10% tacts	inting and to reduc or 25µm encircliin	ce the cleaning interval of the ste g. acts and are in the range of 6 p	encil, the aperture	should be smaller
	UL file acc. CSA-C22.2 (for Canada) PSL level acc. ECA/IPC/JEDEC J-STD-075	ECBT8.E102079 PSL R0			than the PCB pad a Coplanarity of con All connectors are	er paste pr about 10% tacts tested for	inting and to reduc or 25µm encircliin	ce the cleaning interval of the ste g. acts and are in the range of 6 p	encil, the aperture	should be smaller
	UL file acc. CSA-C22.2 (for Canada) PSL level acc. ECA/IPC/JEDEC J-STD-075 MSL level acc. ECA/IPC/JEDEC J-STD-020D	ECBT8.E102079 PSL R0	er)		sealing during sold than the PCB pad a Coplanarity of con All connectors are	er paste pr about 10% tacts tested for	inting and to reduce or 25µm encircling coplanarity of cont	ce the cleaning interval of the ste g. acts and are in the range of 6 p 82	encil, the aperture	should be smaller
	UL file acc. CSA-C22.2 (for Canada) PSL level acc. ECA/IPC/JEDEC J-STD-075 MSL level acc. ECA/IPC/JEDEC J-STD-020D NSULATOR MATERIAL	PSL R0 MSL 1	er)		sealing during sold than the PCB pad a Coplanarity of con All connectors are Performance level Performance level	tacts tested for a 1 (recomm	or 25µm encircling coplanarity of cont ended for majority	acts and are in the range of 6 p  82 of applications)	in to 80 pin: ≤ 0.1 pin to 100 pin: ≤	should be smaller
	UL file acc. CSA-C22.2 (for Canada) PSL level acc. ECA/IPC/JEDEC J-STD-075 MSL level acc. ECA/IPC/JEDEC J-STD-020D  NSULATOR MATERIAL  Material	PSL R0 MSL 1  LCP (liquid crystalline polyme	er)		sealing during sold than the PCB pad a Coplanarity of con All connectors are Performance level Initial 250 mating of the Post	tacts tested for commercial (recommercial)	or 25µm encircling coplanarity of cont ended for majority lays gas test (25°C	ce the cleaning interval of the step.  acts and are in the range of 6 p 82  of applications) 6 / 75% r.h.) using H2S 10 ppb, N	in to 80 pin: ≤ 0.1 pin to 100 pin: ≤	should be smaller  Imm  0.15mm  2 10 ppb, SO2 200 p
	UL file acc. CSA-C22.2 (for Canada) PSL level acc. ECA/IPC/JEDEC J-STD-075 MSL level acc. ECA/IPC/JEDEC J-STD-020D  NSULATOR MATERIAL  Material Color	PSL R0 MSL 1  LCP (liquid crystalline polymer Black	er)		sealing during sold than the PCB pad a Coplanarity of con All connectors are Performance level Initial 250 mating of the Post	tacts tested for of the common tacts  1 (recommon tacts) tested for of the common tacts and the common tacts are seen to the common tacts are seen tacts.	or 25µm encircling coplanarity of cont ended for majority lays gas test (25°C	acts and are in the range of 6 p  82 of applications)	in to 80 pin: ≤ 0.1 pin to 100 pin: ≤	should be smaller  Imm  0.15mm  2 10 ppb, SO2 200 p
	UL file acc. CSA-C22.2 (for Canada) PSL level acc. ECA/IPC/JEDEC J-STD-075 MSL level acc. ECA/IPC/JEDEC J-STD-020D  NSULATOR MATERIAL  Material Color UL classification Material group acc. IEC 60664-1	PSL R0 MSL 1  LCP (liquid crystalline polymer Black UL94-V0	er)		sealing during sold than the PCB pad a Coplanarity of con All connectors are  Performance level Performance level Initial 250 mating of Measurement of county and visual inspection.	tacts tested for of the cycles, 10 do notact resison. No abrasion	coplanarity of contended for majority lays gas test (25°C) tance. The remain	ce the cleaning interval of the step.  acts and are in the range of 6 p 82  of applications) 6 / 75% r.h.) using H2S 10 ppb, N ing 250 mating cycles are subjectish through to the base material.	in to 80 pin: ≤ 0.1 pin to 100 pin: ≤ NO2 200 ppb, CL: ct to measuremen	should be smaller  Imm 0.15mm  2 10 ppb, SO2 200 p     of contact resistan
	UL file acc. CSA-C22.2 (for Canada) PSL level acc. ECA/IPC/JEDEC J-STD-075 MSL level acc. ECA/IPC/JEDEC J-STD-020D NSULATOR MATERIAL Material Color UL classification Material group acc. IEC 60664-1	ECBT8.E102079  PSL R0  MSL 1  LCP (liquid crystalline polymer Black  UL94-V0  Illa (175 ≤ CTI < 400)	er)		sealing during sold than the PCB pad a Coplanarity of con All connectors are Performance level Initial 250 mating of Measurement of country and visual inspection.	tacts tested for of the cycles, 10 do notact resison. No abrasion	coplanarity of contended for majority lays gas test (25°C) tance. The remain	ce the cleaning interval of the step.  acts and are in the range of 6 p 82  of applications) 6 / 75% r.h.) using H2S 10 ppb, N ing 250 mating cycles are subjectish through to the base material.	in to 80 pin: ≤ 0.1 pin to 100 pin: ≤ NO2 200 ppb, CL: ct to measuremen	should be smaller  Imm 0.15mm  2 10 ppb, SO2 200 p     of contact resistan
	UL file acc. CSA-C22.2 (for Canada) PSL level acc. ECA/IPC/JEDEC J-STD-075 MSL level acc. ECA/IPC/JEDEC J-STD-020D  NSULATOR MATERIAL  Material Color UL classification Material group acc. IEC 60664-1  CONTACT MATERIAL  Contact material	ECBT8.E102079  PSL R0  MSL 1  LCP (liquid crystalline polyme Black  UL94-V0  Illa (175 ≤ CTI < 400)  Copper alloy	er)		sealing during sold than the PCB pad a Coplanarity of con All connectors are  Performance level Performance level Initial 250 mating of Measurement of county and visual inspection.	tacts tested for experience of the state of	coplanarity of contended for majority lays gas test (25°C) tance. The remain	ce the cleaning interval of the step.  acts and are in the range of 6 p 82  of applications) 6 / 75% r.h.) using H2S 10 ppb, N ing 250 mating cycles are subjectish through to the base material.	in to 80 pin: ≤ 0.1 pin to 100 pin: ≤ NO2 200 ppb, CL: ct to measuremen	should be smaller  Imm 0.15mm  2 10 ppb, SO2 200 p     of contact resistan
	UL file acc. CSA-C22.2 (for Canada) PSL level acc. ECA/IPC/JEDEC J-STD-075 MSL level acc. ECA/IPC/JEDEC J-STD-020D  NSULATOR MATERIAL  Material Color UL classification Material group acc. IEC 60664-1  CONTACT MATERIAL  Contact material Plating termination zone	ECBT8.E102079  PSL R0  MSL 1  LCP (liquid crystalline polymer Black  UL94-V0  Illa (175 ≤ CTI < 400)  Copper alloy Sn			sealing during sold than the PCB pad a Coplanarity of con All connectors are  Performance level Initial 250 mating of Measurement of county and visual inspection. I Part number definitial 125 mating of Initial Init	tacts tested for of the state o	ended for majority lays gas test (25°C anys ga	ce the cleaning interval of the step.  acts and are in the range of 6 p 82  of applications) 6 / 75% r.h.) using H2S 10 ppb, No. ing 250 mating cycles are subjectish through to the base material.	in to 80 pin: ≤ 0.1 pin to 100 pin: ≤  NO2 200 ppb, CL2 to measuremer  No functional im	should be smaller  Imm 0.15mm  2 10 ppb, SO2 200 p
	UL file acc. CSA-C22.2 (for Canada) PSL level acc. ECA/IPC/JEDEC J-STD-075 MSL level acc. ECA/IPC/JEDEC J-STD-020D  NSULATOR MATERIAL  Material Color UL classification Material group acc. IEC 60664-1  CONTACT MATERIAL  Contact material	ECBT8.E102079  PSL R0  MSL 1  LCP (liquid crystalline polyme Black  UL94-V0  Illa (175 ≤ CTI < 400)  Copper alloy			sealing during sold than the PCB pad a Coplanarity of con All connectors are  Performance level Initial 250 mating of Measurement of county and visual inspection. I Part number definitial 125 mating of Measurement of co	tacts tested for of tacts  1 (recommoverly 1 (	ended for majority lays gas test (25°C anys ga	ce the cleaning interval of the step.  acts and are in the range of 6 p 82  of applications) 6 / 75% r.h.) using H2S 10 ppb, N ing 250 mating cycles are subjectish through to the base material.	in to 80 pin: ≤ 0.1 pin to 100 pin: ≤  NO2 200 ppb, CL2 to measuremer  No functional im	should be smaller  Imm 0.15mm  2 10 ppb, SO2 200 p
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(	UL file acc. CSA-C22.2 (for Canada)  PSL level acc. ECA/IPC/JEDEC J-STD-075  MSL level acc. ECA/IPC/JEDEC J-STD-020D  NSULATOR MATERIAL  Material  Color  UL classification  Material group acc. IEC 60664-1  CONTACT MATERIAL  Contact material  Plating termination zone  Plating contact sliding side	ECBT8.E102079  PSL R0  MSL 1  LCP (liquid crystalline polymer Black  UL94-V0  Illa (175 ≤ CTI < 400)  Copper alloy  Sn  Au over PdNi (acc. to Perform	nance level)		sealing during sold than the PCB pad a Coplanarity of con All connectors are  Performance level Initial 250 mating of Measurement of coand visual inspection. I Part number definitial 125 mating of Measurement of coand visual inspection and visual inspection and visual inspection of coand visual inspection of coand visual inspection and visual inspection and visual inspection.	tacts tested for of tacts  1 (recommoveles, 10 dontact resison. No abrasion tion: 15. 2 cycles, 4 da ontact resison. No abrasion. No abrasion. No abrasion. No abrasion.	ended for majority lays gas test (25°C attance. The remain the contact find the contact fin	ce the cleaning interval of the step.  acts and are in the range of 6 p 82  of applications) 6 / 75% r.h.) using H2S 10 ppb, Noting 250 mating cycles are subjectish through to the base material.  / 75% r.h.) using H2S 10 ppb, Noting 125 mating cycles are subjectish through to the base material.	in to 80 pin: ≤ 0.1 pin to 100 pin: ≤  NO2 200 ppb, CL2 to measuremer  No functional im  O2 200 ppb, CL2 to measuremer	e should be smaller  Imm 0.15mm  2 10 ppb, SO2 200 p at of contact resistan pairment.  10 ppb, SO2 200 pp at of contact resistan
(	UL file acc. CSA-C22.2 (for Canada) PSL level acc. ECA/IPC/JEDEC J-STD-075 MSL level acc. ECA/IPC/JEDEC J-STD-020D  NSULATOR MATERIAL  Material Color UL classification Material group acc. IEC 60664-1  CONTACT MATERIAL  Contact material Plating termination zone Plating contact sliding side  DERATING DIAGRAM acc. to IEC 60512-5 (Current carrying capacity)	ECBT8.E102079  PSL R0  MSL 1  LCP (liquid crystalline polymer Black  UL94-V0  Illa (175 ≤ CTI < 400)  Copper alloy  Sn  Au over PdNi (acc. to Perform			sealing during sold than the PCB pad a Coplanarity of con All connectors are  Performance level Initial 250 mating of Measurement of county and visual inspection. Part number definitial 125 mating of Measurement of county is and visual inspection. Visual inspection. Visual inspection. Part number definition of county is a part of county is a pa	tacts tested for of tacts  1 (recommoveles, 10 do natact resison. No abrasion tion: 15  2 cycles, 4 da natact resison. No abrasion tion: 15	ended for majority lays gas test (25°C attance. The remain the contact find the contact fin	ce the cleaning interval of the step.  acts and are in the range of 6 p 82  of applications) 6 / 75% r.h.) using H2S 10 ppb, Noting 250 mating cycles are subjectish through to the base material.  / 75% r.h.) using H2S 10 ppb, Noting 125 mating cycles are subjectish through to the base material.	in to 80 pin: ≤ 0.1 pin to 100 pin: ≤  NO2 200 ppb, CL2 to measuremer  No functional im  O2 200 ppb, CL2 to measuremer	e should be smaller  Imm 0.15mm  2 10 ppb, SO2 200 p at of contact resistan pairment.  10 ppb, SO2 200 pp at of contact resistan
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•	UL file acc. CSA-C22.2 (for Canada)  PSL level acc. ECA/IPC/JEDEC J-STD-075  MSL level acc. ECA/IPC/JEDEC J-STD-020D  NSULATOR MATERIAL  Material  Color  UL classification  Material group acc. IEC 60664-1  CONTACT MATERIAL  Contact material  Plating termination zone  Plating contact sliding side  DERATING DIAGRAM acc. to IEC 60512-5 (Current carrying capacity)  The current carrying capacity is limited by maximum temperature of materials for inserts and contacts including terminals.  The current capacity curve is valid for continuous, non	ECBT8.E102079  PSL R0  MSL 1  LCP (liquid crystalline polymer Black  UL94-V0  Illa (175 ≤ CTI < 400)  Copper alloy  Sn  Au over PdNi (acc. to Perform	nance level)		Performance level Initial 125 mating of Cand visual inspection. Part number definitial 125 mating of Measurement of countries and visual inspection. Part number definitial 125 mating of Measurement of countries and visual inspection. Part number definitial 125 mating of Measurement of countries and visual inspection. Part number definition Performance level Defined contact surpart number definition.	tacts tested for of tacts  1 (recommoveles, 10 dontact resison. No abrasion tion: 15  2 cycles, 4 da contact resison. No abrasion tion: 15  S4 rface of mintion: 15	ended for majority lays gas test (25°C tance. The remain of the contact fin 2	ce the cleaning interval of the step.  acts and are in the range of 6 p 82  of applications) 6 / 75% r.h.) using H2S 10 ppb, Noting 250 mating cycles are subjectish through to the base material.  / 75% r.h.) using H2S 10 ppb, Noting 125 mating cycles are subjectish through to the base material.	in to 80 pin: ≤ 0.1 pin to 100 pin: ≤  NO2 200 ppb, CL2 to measuremer  No functional im  O2 200 ppb, CL2 to measuremer	e should be smaller  Imm 0.15mm  2 10 ppb, SO2 200 p at of contact resistan pairment.  10 ppb, SO2 200 pp at of contact resistan
(	UL file acc. CSA-C22.2 (for Canada)  PSL level acc. ECA/IPC/JEDEC J-STD-075  MSL level acc. ECA/IPC/JEDEC J-STD-020D  NSULATOR MATERIAL  Material  Color  UL classification  Material group acc. IEC 60664-1  CONTACT MATERIAL  Contact material  Plating termination zone  Plating contact sliding side  DERATING DIAGRAM acc. to IEC 60512-5 (Current carrying capacity)  The current carrying capacity is limited by maximum temperature of materials for inserts and contacts including terminals.  The current capacity curve is valid for continuous, non interrupted current loaded contacts of connectors when simultaneous power on all contacts is given, without	ECBT8.E102079  PSL R0  MSL 1  LCP (liquid crystalline polymer Black  UL94-V0  Illa (175 ≤ CTI < 400)  Copper alloy  Sn  Au over PdNi (acc. to Perform	nance level)		sealing during sold than the PCB pad a Coplanarity of con All connectors are  Performance level Initial 250 mating of Measurement of coand visual inspection. Part number definitial 125 mating of Measurement of coand visual inspection. Part number definitial 125 mating of Measurement of coand visual inspection. Part number definition Performance level Defined contact surpart number definition.	tacts tested for of tacts  1 (recommodular resison. No abrasion tion: 15 2 cycles, 4 day ontact resison. No abrasion tion: 15 S4 rface of min	ended for majority lays gas test (25°C tance. The remain of the contact fin 2	ce the cleaning interval of the step.  acts and are in the range of 6 p 82  of applications) 6 / 75% r.h.) using H2S 10 ppb, Noting 250 mating cycles are subjectish through to the base material.  / 75% r.h.) using H2S 10 ppb, Noting 125 mating cycles are subjectish through to the base material.	in to 80 pin: <b>&lt;</b> 0.1 pin to 100 pin: <b>&lt;</b> NO2 200 ppb, CL2 to measuremer No functional im No functional im No functional im	e should be smaller  Imm 0.15mm  2 10 ppb, SO2 200 p at of contact resistan pairment.  10 ppb, SO2 200 pp at of contact resistan
(	UL file acc. CSA-C22.2 (for Canada)  PSL level acc. ECA/IPC/JEDEC J-STD-075  MSL level acc. ECA/IPC/JEDEC J-STD-020D  NSULATOR MATERIAL  Material  Color  UL classification  Material group acc. IEC 60664-1  CONTACT MATERIAL  Contact material  Plating termination zone  Plating contact sliding side  DERATING DIAGRAM acc. to IEC 60512-5 (Current carrying capacity)  The current carrying capacity is limited by maximum temperature of materials for inserts and contacts including terminals.  The current capacity curve is valid for continuous, non interrupted current loaded contacts of connectors when	ECBT8.E102079  PSL R0  MSL 1  LCP (liquid crystalline polymer Black  UL94-V0  Illa (175 ≤ CTI < 400)  Copper alloy  Sn  Au over PdNi (acc. to Perform	nance level)		sealing during sold than the PCB pad a Coplanarity of con All connectors are  Performance level Initial 250 mating of Measurement of coand visual inspection. I Part number definitial 125 mating of Measurement of coand visual inspection. I Part number definitial 125 mating of Measurement of coand visual inspection. I Part number definition Performance level Defined contact surpart number definition. Part number definition Performance level Defined contact surpart number definition.	tacts tested for of tacts  1 (recommoveles, 10 dontact resison. No abrasion tion: 15.  2 cycles, 4 day ontact resison. No abrasion tion: 15.  S4 rface of minution: 15.  mensions in manual Size DIN A3	ended for majority lays gas test (25°C stance. The remain of the contact fin 2	ce the cleaning interval of the step.  acts and are in the range of 6 p 82  of applications) 6 / 75% r.h.) using H2S 10 ppb, Noting 250 mating cycles are subjectish through to the base material.  / 75% r.h.) using H2S 10 ppb, Noting 125 mating cycles are subjectish through to the base material.	in to 80 pin: < 0.1 pin to 100 pin: <	should be smaller  Imm 0.15mm  2 10 ppb, SO2 200 p at of contact resistan pairment.  10 ppb, SO2 200 pp at of contact resistan pairment.
(	UL file acc. CSA-C22.2 (for Canada)  PSL level acc. ECA/IPC/JEDEC J-STD-075  MSL level acc. ECA/IPC/JEDEC J-STD-020D  NSULATOR MATERIAL  Material  Color  UL classification  Material group acc. IEC 60664-1  CONTACT MATERIAL  Contact material  Plating termination zone  Plating contact sliding side  DERATING DIAGRAM acc. to IEC 60512-5 (Current carrying capacity)  The current carrying capacity is limited by maximum temperature of materials for inserts and contacts including terminals.  The current capacity curve is valid for continuous, non interrupted current loaded contacts of connectors when simultaneous power on all contacts is given, without	ECBT8.E102079  PSL R0  MSL 1  LCP (liquid crystalline polymer Black  UL94-V0  Illa (175 ≤ CTI < 400)  Copper alloy  Sn  Au over PdNi (acc. to Perform	nance level)		Performance level Initial 125 mating of Measurement of coand visual inspection. Part number definitial 125 mating of Measurement of coand visual inspection. Part number definitial 125 mating of Measurement of coand visual inspection. Part number definitial 125 mating of Measurement of coand visual inspection. Part number definition Performance level Defined contact sure Part number definition. Part number definition Performance level Defined contact sure Part number definition. All Dispersion Disper	tacts tested for of tacts  1 (recommoveles, 10 dontact resison. No abrasion tion: 15. 2 cycles, 4 da ontact resison. No abrasion tion: 15. S4 rface of minution: 15.  mensions in mmal Size DIN A3	ended for majority lays gas test (25°C tance. The remain of the contact fin 2	ce the cleaning interval of the step.  acts and are in the range of 6 p 82  of applications) 6 / 75% r.h.) using H2S 10 ppb, Noting 250 mating cycles are subjectish through to the base material.  / 75% r.h.) using H2S 10 ppb, Noting 125 mating cycles are subjectish through to the base material.  r 0,7+0,2µm PdNi    Inspected by   Standardisation	in to 80 pin:   in to 80 pin:   0.1 pin to 100 pin:   NO2 200 ppb, CL2 to measuremer  No functional im  O2 200 ppb, CL2 to measuremer  No functional im  Ref. Sub.	should be smaller  Imm 0.15mm  2 10 ppb, SO2 200 ppt of contact resistan pairment.  10 ppb, SO2 200 ppt of contact resistan pairment.
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•	UL file acc. CSA-C22.2 (for Canada) PSL level acc. ECA/IPC/JEDEC J-STD-075 MSL level acc. ECA/IPC/JEDEC J-STD-020D  NSULATOR MATERIAL  Material Color UL classification Material group acc. IEC 60664-1  CONTACT MATERIAL  Contact material Plating termination zone Plating contact sliding side  DERATING DIAGRAM acc. to IEC 60512-5 (Current carrying capacity)  The current carrying capacity is limited by maximum temperature of materials for inserts and contacts including terminals. The current capacity curve is valid for continuous, non interrupted current loaded contacts of connectors when simultaneous power on all contacts is given, without exceeding the maximum temperature.	PSL R0  MSL 1  LCP (liquid crystalline polymer Black UL94-V0 Illa (175 ≤ CTI < 400)  Copper alloy Sn Au over PdNi (acc. to Perform	nance level)		Performance level Initial 125 mating of Measurement of coand visual inspection. Part number definitial 125 mating of Measurement of coand visual inspection. Part number definitial 125 mating of Measurement of coand visual inspection. Part number definitial 125 mating of Measurement of coand visual inspection. Part number definition Performance level Defined contact sure Part number definition. Part number definition Performance level Defined contact sure Part number definition. All Dispersion Disper	tacts tested for of tacts  1 (recommoveles, 10 dontact resison. No abrasion tion: 15. 2 cycles, 4 da tontact resison. No abrasion tion: 15. S4 rface of minution: 15.  mensions in mal Size DIN A3 s reserved  1 (PD - FR	ended for majority lays gas test (25°C tance. The remain of the contact fince. The remain of the contact fince is the	ce the cleaning interval of the step.  acts and are in the range of 6 p 82  of applications) 6 / 75% r.h.) using H2S 10 ppb, Noting 250 mating cycles are subjectish through to the base material.  / 75% r.h.) using H2S 10 ppb, Noting 125 mating cycles are subjectish through to the base material.	in to 80 pin:   in to 80 pin:   0.1 pin to 100 pin:   NO2 200 ppb, CL2 to measuremer  No functional im  No functional im  Ref. Sub. Date	should be smaller  Imm 0.15mm  2 10 ppb, SO2 200 ppt of contact resistan pairment.  10 ppb, SO2 200 ppt of contact resistan pairment.  State Final Release  Doc-Key / E 100578045/UG 500000074387
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